CD/DVD-ROM Device Driver Install Program Control Manual

----

*Please do not copy this manual.

*Please do not distribute this manual to the final user.

Contents of Table

Chapter 1.Introduction

This document describes the control procedure of program
(INSTALL.EXE) for installing the CD/DVD-ROM device driver
(CDROMDRV.SYS)into the system disc.

Chapter 2.Control Procedure of Install Program (INSTALL.EXE).

Hereunder shown is the control procedure of install program
(INSTALL.EXE) of CD/DVD-ROM device driver. The install work
is to be done as per the procedures as follows.

1.Confirmation of IDE port connection state.
2.Designation of directory for installing the CD/DVD-ROM device
  driver.
3.Designation of directory where the MSCDEX.EXE is placed.
4.Designation of CD/DVD-ROM device driver and MSCDEX.EXE parameters.
5.Confirmation of change of CONFIG.SYS and AUTOEXEC.BAT.
6.Copy of CD/DVD-ROM device driver.
7.Change of CONFIG.SYS and AUTOEXEC.BAT.

Precaution : The install program rewrites the contents of
existing CONFIG.SYS and AUTOEXEC.BAT. The CONFIG.SYS and
AUTOEXEC.BAT before rewriting are stored in the CONFIG.CDO and
AUTOEXEC.CDO respectively.

2.1 Startup of Install Program

1.Insert the install disc of CD/DVD-ROM device driver into the
   FDD.
2.The install program is executed with reference to the
  below mentioned example.
   [Example] In case that the FDD where the install program
   has been inserted is the A-drive.
   A:\INSTALL

3.When the install program has been executed,the following
  picture will be displayed.

       CD/DVD-ROM Install Program

              This software installs the CD/DVD-ROM device driver onto
              your system and sets the system configuration in order to
              take effect.

              Use the Enter key to start the installation, and use the
              Esc key to let you exit form want you are doing, and to
              return to the MS-DOS prompt.

4.Press the [Enter] key for starting the install work in
  accordance with the message,and press the [Esc] key when
  stopping the work.

2.2 Confirmation of IDE Port Connection Environment

The IDE port connection environment of computer is to be confirmed. Here,what are connected to the Master and the Slave in respects of the respective ports of Primary,Secondary, Tertiary and Quaternary are displayed in the tree style concerning the connection state of present IDE port.

```
        CD/DVD-ROM Install Program


        Computer


                Master          Slave

                Hard Disk       Not Used        Primary    (Port:0x1FX,
IRQ:14)


                CD/DVD-ROM      Not Used        Secondary  (Port:0x17X,
IRQ:15)


                Not Used        Not Used        Tertiary   (Port:0x1EX,
IRQ:11)


                Not Used        Not Used        Quaternary (Port:0x16X,
IRQ:10)


        Confirm the connection environment of the computer. Are you sure?
(Y/N)


 *Hard Disk : This indicates that the hard disk drive is
  connected.
 *CD/DVD-ROM : This indicates that the CD/DVD-ROM drive is connected.
 *Not Used : This indicates that nothing is connected.

  After confirming that the CD/DVD-ROM drive is connected to
  the IDE port,press the [Y] key.The said example indicates
  that the CD/DVD-ROM drive is connected to the Secondary Master.
```

If the CD/DVD-ROM drive has not been connected,the install
work can be interrupted by pressing the [N] key. For information,
even if the CD/DVD-ROM is not connected,the install work
can be continued.

2.3 Designation of Install Destination

The directory of install destination of device driver is
to be designated. Input the directory of install destination
of device driver and press the [Enter] key.

```
Specify the directory you want to place the CD/DVD-ROM driver in,
and push Enter key.

[C:¥CDROM.......................................]
```

If the designated directory is unavailable,it will be
automatically prepared.The install destination directory of
initial setting is [\CDROM] of startup drive. Press the [Enter]key,
as it is,when installing the directory of initial setting.
If the directory has not been designated,the install
destination directory will the current directory.

If the [Esc] key is pressed,the install work will be interrupted.

2.4 Confirmation of Device Driver Overwrite

If the CD/DVD-ROM device drive has already been installed at
the directory of designation install destination,you should
confirm overwriting the existing device driver.

```
Your computer already has the CD/DVD-ROM driver installed on it.

Do you replace the currently installed driver? (Y/N)
```

If you overwrite the existing device driver, press the [Y] key.
For interrupting the install of device driver,press the [N] key.

2.5 Designation of Parameters

Designate the parameters to be used in the MSCDEX.EXE. In
the initial setting,the [/D] for designating the driver name
is effective,and the [CDROM001] has been set for the driver name.

```
        CD/DVD-ROM Install Program

      Specify the parameter to use.

      Move a cursor to the parameter to specify and push a space key.
      The specification of the default is "/D:CDROM001".

          ( )/E              :Specifies that the CD/DVD-ROM driver be allowed
to use
                              expanded memory, if available, to store sector
buffer.

          ( )/K              :Specifies that MS-DOS should recognize CD/DVD-ROM
volumes
                              encoded in Kanji.

          ( )/S             :Enable sharing of CD/DVD-ROM drivers on MS-NET or
                             Windows for Workgroups servers.

          ( )/V              :Directs MSCDEX to display memory statistics when
it
                             start.

          (*)/D [CDROM001] :Specifies the driver signature of the CD/DVD-ROM
device
                             driver.

          ( )/L [ ]            :Specifies the drive letter to assign to the
CD/DVD-ROM
                             drive.

          ( )/M [       ] :Specifies the number of sector buffer.

      Use the Enter key to continue.
```

Designation Method

  1.Move the cursor up to the parameters which you want to make

    effective,using the arrow keys (up arrow,down arrow).

2.If the space key is pressed, the [*] is displayed to the

left extreme side of [( )] ,and the parameter becomes effective.

3.When the space key is pressed again,the [*] of [( )]

disappears, and the parameter can be made ineffective. (However,

the designation of [/D] parameter can not be made ineffective).

When the designation of parameter is over, press the [Enter] key.

When interrupting the install work, press the [Esc] key.

For the details of MSCDEX parameters, see the manual of MSCDEX.EXE.

2.6 Confirmation of CONFIG. SYS Additional Line

Confirm the line added to the CONFIG. SYS.

```
The following line will be added to CONFIG.SYS Are you sure ?(Y/N)

DEVICE=C:¥CDROM¥CDROMDRV.SYS /D:CDROM001
```

If the contents to be added to the CONFIG.SYS are correct, press
the [Y] key. when restarting the designation of parameters, press
the [N] key.

Caution : In this install program, the parameters other than
the [/D] of device driver can not be designated.If you want to
designate the parameters other than [/D], you are requested to
refer to [README.TXT] and rewrite the contents of CONFIG.SYS.

2.7 Designation of MSCDEX.EXE Directory

If the MSCDEX.EXE isn't available in the MS-DOS directory
(\DOS of startup drive) , designate the directory having the
MSCDEX.EXE.

```
                       There is not C:¥DOS¥MSCDEX.EXE.

          Specify the directory where there is MSCDEX.EXE, and push Enter
key.

          [C:¥DOS.........................................]
```

When you have input the directory, press the [Enter] key.
When interrupting the install work, press the [Esc] key.

```
                    There is not C:¥DOS¥MSCDEX.EXE.

          To use CD/DVD-ROM drive, MSCDEX.EXE is necessary.
          Copy the installation of CD/DVD-ROM device driver in the following
          directory with MSCDEX.EXE preparing an included disk after ending.
                  C:¥DOS

          Does it continue the installation of CD/DVD-ROM device driver?
(Y/N)
```

If the MSCDEX.EXE doesn't exist in the designated directory,
the said message will be displayed. Press the [Y]key
when continuing the installation as it is, and press the [N]
key when interrupting the install work.

2.8. Confirmation of AUTOEXEC.BAT Additional Line

Confirm the line to be added to the AUTOEXEC.BAT. The
line to be added varies with the designated parameter.

```
        The following line will be added to AUTOEXEC.BAT. Are you sure?
(Y/N)

        C:¥DOS¥MSCDEX.EXE /D:CDROM001 /M:12
```

If the line to be added to the AUTOEXEC.BAT is correct,
press the [Y] key. When restarting the designation of parameters,
press the [N] key.

2.9 During Install Work

The CD/DVD-ROM device driver is copied to the directory of
install destination to change the system files (CONFIG.SYS and
AUTOEXEC.BAT). The following message will be displayed while
the install work is being done.

```
                Please wait....
```

2.10 End of Install

When the install of CD/DVD-ROM device driver has been ended,
the following picture informing that the installation is ended
will be displayed, so press the [Enter] key.

```
CD/DVD-ROM Install Program



        Installation is complete.

        To make CD/DVD-ROM drive effective, it corrected CONFIG.SYS
        and AUTOEXEC.BAT in the part. CONFIG.SYS and AUTOEXEC.BAT
        before correction have been preserved respectively in
        CONFIG.CDO and AUTOEXEC.CDO.

        To make CD/DVD-ROM drive effective, re-start a computer.
```

If the MSCDEX.EXE can not be discovered during the installation
work, the message as follows will be displayedafter the
foregoing message.

```
        Incidentally, prepare the disk which MSCDEX.EXE was stored
        in before re-starting a computer and copy MSCDEX.EXE in the
        following directory.

        C:¥DOS
```

Restart the computer following the messages.

Chapter 3.Change of CONFIG.SYS and AUTOEXEC.BAT

The install program automatically add the description
for making the CD/DVD-ROM drive effective to the existing CONFIG.SYS
and AUTOEXEC.BAT.
Here explained is the change for the install program to
make the change to CONFIG.SYS and AUTOEXEC.BAT.

3.1Change of CONFIG.SYS

The change against the CONFIG.SYS adds the description
for incorporating the CD/DVD-ROM device driver and also corrects
the designation of [LASTDRIVE]
The [LASTDRIVE] designation shall be fixed to the [Z] and
added to the head of file.The [LASTDRIVE] appearing therefater
will all be deleted.

The line to be added varies with the designation of
parameter.Hereunder,an example of additional line is indicated.
  *An example of CONFIG.SYS additional line

```
 REM=============APPEND CD/DVD-ROM DRIVE=============
 DEVICE=C:\CDROM\CDROMDRV.SYS/D:CDROM001
 REM=============APPEND CD/DVD-ROM DRIVE=============
```

If there is already the description of [CDROMDRV.SYS]
incorporation,the said description is deleted,and the line
is added at the same position.

If there is not the description of incorporation,the
additional position varies with the single configuration and
the multi configuration.

In case of the single configuration,the line is added to
the head of file (the next line of [LASTDRIVE]).

In case of the multi configuration, the line is added to

14

the last of common block ([COMMON]).The line is added just
before the ([MENU]) if there is no common block.

3. 2 Change of AUTOEXEC.BAT

Add the execution of MSCDEX.EXE to the AUTOEXEC.BAT.
The line to be added varies with the designation of
parameter. Hereunder, an example of added line is shown.

 *An example of added line of AUTOEXEC.BAT.

```
 REM============APPEND CD/DVD-ROM DRIVE============
 C:\DOS\MSCDEX.EXE/D:CDROM001 /M:12
 REM============APPEND CD/DVD-ROM DRIVE============
```

The line is basically added to the last of file, but if
there is the description (WIN, WIN.COM) for starting up the
Windows, the line is added just before that line.

If there is already the description of MSCDEX.EXE, that
line is made the comment line at the REM. However, if the
description of that MSCDEX.EXE execution is the line added by
this installer, that line is deleted. If nor not the description
of MSCDEX.EXE execution depends on this installer is to
be judged by the presence of comment line before or after the
line, the added comment line should not be deleted.

For information, the CONFIG.SYS and AUTOEXEC.BAT before
the change are stored in the names of CONFIG.CD0 and AUTOEXEC.CD0.
If there are no CONFIG.SYS and AUTOEXEC.BAT, they should be
prepared anew.

Chapter 4. Precautions

Described hereunder are the precautions of install program
and CD/DVD-ROM device driver.

  1.If this install program can not be installed normally
rewrite the CONFIG.SYS and AUTOEXEC.BAT with reference to the
   attached README.TXT and this manual.

  2.The troubles of device driver when you desire this device
   driver on the Windows95 and OS/2, there may be a case that the
   troubles can not be avoided unless they should be tried so by
   the respective makers.

  3.If this device driver is used on the Windows95, the performance
   falls down.

  4.If the install work was interrupted in the midway, the CD/DVD-ROM
   device driver will not be incorporated.

  5.This install program can only be run on the real mode.
   It can not run on the Windows95 MS-DOS prompt.